

OPERATING PERMIT FOR FACILITIES
RECEIVING SOLID WASTE

TYPE OF FACILITY

Landfill

FACILITY/PERMIT NUMBER

33-AA-0003

NAME AND STREET ADDRESS OF FACILITY

Highgrove Sanitary Landfill
1420 Pidgeon Pass Rd
Riverside, CA

NAME AND MAILING ADDRESS OF OPERATOR

County of Riverside Waste Resources
Management District
1995 Market Street
Riverside, CA 92501

PERMITTING ENFORCEMENT AGENCY

County of Riverside Local Solid Waste
Management Enforcement Agency

CITY/COUNTY

Riverside County

PERMIT

This permit is granted solely to the operator named above, and is not transferrable.

Upon a change of operator, this permit is subject to revocation.

Upon a significant change in design or operation from that described by the Plan of Operation or the Report of Station or Disposal Site Information, this permit is subject to revocation, suspension, or modification.

This permit does not authorize the operation of any facility contrary to the State Minimum Standards for Solid Waste Handling and Disposal.

This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other government agencies.

The attached permit findings, conditions, prohibitions, and requirements are by this reference incorporated herein and made a part of this permit.

APPROVED:

John M. Fanning

APPROVING OFFICER

John M. Fanning, Director
Department of Environmental Health
NAME/TITLE

AGENCY ADDRESS

County of Riverside Department of
Environmental Health, Local Solid
Waste Management Enforcement Agency
1737 Atlanta Avenue Building H-5
Riverside, CA 92507

AGENCY USE/COMMENTS

PERMIT RECEIVED BY CWMB

MAY 19 1995

CWMB CONCURRENCE DATE

JUL 18 1995

PERMIT REVIEW DUE DATE

July 25, 1997

PERMIT ISSUED DATE

AUG 7 1995





SOLID WASTE FACILITIES PERMIT FOR HIGHGROVE SANITARY LANDFILL

FINDINGS

1. The following describe the design and operation of the facility as authorized by this permit:
 - A. Highgrove Sanitary Landfill, 1420 Highgrove Pass Road, Riverside, California, is owned by Riverside County and operated by the Riverside County's Waste Resources Management District.
 - B. The site occupies 280 acres. Its location is legally described as follows: SE $\frac{1}{4}$ of W $\frac{1}{2}$ of E $\frac{1}{2}$ and SE $\frac{1}{4}$ of E $\frac{1}{2}$, Section 10, POR SW $\frac{1}{4}$ of SW $\frac{1}{4}$, Section 11, and SE $\frac{1}{4}$, Section 15; T2S, R4W, San Bernardino Baseline and Meridian in Riverside County, California. Maps showing the general location and details of on-site structures within 1000 feet of the perimeter of the property are shown in the Report of Disposal Site Information (R.D.S.I.), Highgrove Sanitary Landfill, dated January 1992. This is a Class III landfill. Of the 280 acres, 91 acres may be developed in two phases: Phase I (65.35 acres) and Phase II (25.65 acres). For a map of the two phases, refer to Phasing Diagram - figure 8, Addendum to Highgrove Sanitary Landfill R.D.S.I. This permit limits the landfilling of wastes to Phase I.
 - C. The physical plant begins with the lockable gates at the entrance to the facility. A partially paved access road leads from the gates, past the fee collection building, and continues to the active work area. A railroad boxcar is east of the paved access road opposite Phase I, and provides storage and office space. The area around the boxcar is the equipment compound and maintenance area.
 - D. This facility receives non-hazardous wastes which include:
 1. municipal solid wastes
 2. approved agricultural wastes
 3. construction/demolition wastes
 4. tires
 5. inert materials
 6. dead animals
 - E. This facility receives an average of 585 tons of waste per operating day. Peak loading is not expected to exceed 2,700 tons per day in the next five years. The facility shall receive no greater than 2,700 tons per operating day.

The site has an estimated remaining capacity of 3.6 million tons as of December 1994, and will be filled to grade by 1997.

- F. The area method of landfilling is used at this facility. Wastes are weighed at the fee collection building, and then routed to the active work face where they are discharged. Wastes are spread, compacted by layers, and confined to the cell using heavy equipment. At the end of each operating day, the active cell is closed with six inches of compacted soil. Cells are combined into progressing terraces until the grades defined by the site grading plan are established.
- G. Resource recovery and salvaging operations are not currently conducted at this facility. However, the County has prepared a County Integrated Waste Management Plan to meet the requirements of AB 939. As a part of this plan, programs will be implemented to reduce the quantity of wastes requiring disposal at all County landfills.
- H. ~~Hazardous wastes are not accepted at this facility. Hazardous wastes shall be handled in a manner approved by the Local Solid Waste Management Enforcement Agency (LEA) and the California Integrated Waste Management Board (CIWMB) as per Title 22, California Code of Regulations.~~

In-coming wastes are identified by type at the weighing scale by the fee collectors. In addition, after being routed to the working face, the wastes are unloaded under the scrutiny of the traffic director.

Hazardous wastes are not accepted at this facility. Any hazardous waste inadvertently discharged at this facility shall be handled according to the "Protocol for Handling of Improperly Disposed of Hazardous Waste at Class III County Solid Waste Facilities" (see attachment 1).

- I. The following are anticipated changes in the design and operation of this facility that may occur in the next five years:
 - 1) The operator may increase the hours of operation to begin as early as 6:00 a.m. and end as late as 8:00 p.m.; it being stipulated that the site would not operate except during daylight hours. This contingency is addressed in the Negative Declaration, E.A. No. 35719. See Specification #7 for implementation details.
 - J. The facility is open to the public from 8:00 a.m. to 4:30 p.m., seven days a week. Operations must not be conducted before sunrise or after sunset. The facility is closed on New Year's Day, Memorial Day, Fourth of July, Labor Day, Thanksgiving Day, and Christmas Day.
2. The following agencies and documents condition operation and use of this facility, and are adopted by reference:
 - A. Report of Disposal Site Information, dated January 1992, and Addendum dated June 1992.

- B. California Regional Water Quality Control Board - Santa Ana Region: Waste Discharge Requirement No. 94-34, dated May 9, 1994.
 - C. South Coast Air Quality Management District exemption from Rule 1150.1, letter dated July 26, 1989.
 - D. Riverside County Planning Department, Environmental Assessment (Negative Declaration and Mitigation Measure Monitoring Program) Number 35719, State Clearing House Number 91012109, adopted June 11, 1991.
 - E. Riverside County Planning Department, Environmental Assessment Number 34032, State Clearing House Number 89073107, adopted November 7, 1989.
 - F. Riverside County Planning Department, Environmental Assessment Number 17099, State Clearing House Number 83061301, adopted August 23, 1983.
 - G. California Regional Water Quality Control Board - Santa Ana Region: Cleanup and Abatement Order No. 91-87, dated June 24, 1991.
3. The following findings are required pursuant to PRC Sections 44009, 50000 and 50000.5:
 - A. The Riverside County Solid Waste Management Plan, as amended in October 1989, identifies the Highgrove Sanitary Landfill.
 - B. This permit is consistent with standards adopted by the CIWMB.
 - C. This facility was found to be consistent with, and shown to be designated in, the Riverside County Comprehensive General Plan by the Riverside County Planning Department in a letter dated July 23, 1990.
 4. The design and operation of this facility is in compliance with the State Minimum standards for Solid Waste Handling and Disposal as determined by the LEA.
 5. This facility is in conformance with applicable fire standards by complying with the State Public Resources Code Section 4373 and 4374 which requires that any solid waste facility for which a permit is required shall be maintained with a clearance of flammable material for a minimum distance of 150 feet from the periphery of any exposed flammable solid.
 6. The Riverside County Planning Department has made a written finding that this facility is compatible with surrounding land uses in a letter dated November 15, 1989.
 7. A Notice of Determination for the most current Negative Declaration was filed with the State Clearinghouse (SCH #91012109) on June 11, 1991, by the Riverside County Board of Supervisors for Negative Declaration, E.A. No. 35719.

CONDITIONS

Requirements:

1. This facility must comply with State Minimum Standards for Solid Waste Handling and Disposal, California Code of Regulations, Title 14.
2. The facility must comply with all federal, state, and local requirements and enactments; including all mitigation measures given in Environmental Assessment Number 35719 filed pursuant to Public Resources Code, Section 21081.6.
3. Any additional information must be provided as required by the LEA.
4. The LEA may require the installation of monitoring probes to detect gas migration as determined necessary by the California Regional Water Quality Control Board - Santa Ana Region.

Prohibitions:

The following actions are prohibited at this facility:

- a. disposal of hazardous or designated wastes
- b. scavenging
- c. open burning
- d. disposal of liquid wastes
- e. disposal of infectious wastes
- f. disposal of sludge from waste water treatment facilities
- g. night time operations
- h. discharging of explosives or detonation of explosive devices
- i. acceptance of any waste material after the proposed grade has been reached
- j. allow standing water to collect on covered fill surfaces
- k. development and subsequent placement of waste in Phase II without first obtaining a revised Solid waste Facilities Permit

Specifications:

1. The operator will meet State Waste Tire Storage And Disposal Standards, California Code of Regulations, Title 14, Chapter 3, Article 5.5.
2. With the following exceptions, all waste received at this facility shall be covered with six inches of compacted cover material at the end of every operating day:
 - a. Tree limbs and tree root balls shall be covered with six inches of compacted cover within 60 days of receipt.

- b. Asphalt and concrete that is not contaminated with any other waste may be stockpiled in quantities and at a location approved by the LEA for the purpose of providing a safe surface for wet weather operations.
3. The operator is prohibited from making any change which would cause the design or operations of the facility to violate the terms or conditions of this solid waste facilities permit. Such a change would be considered a significant change, and would require a permit revision.
4. This facility has a permitted capacity of 2,700 tons per operating day, and shall not receive more than this amount without first obtaining a revision of the permit from the LEA.
5. Dead animals must be covered immediately upon receipt.
6. The Waste Resources Management District of Riverside County is the authorized operator of this facility. This permit is not transferable. A new operator will have to obtain a new permit to operate this facility.
7. The operating hours of the facility will be allowed as follows:

Between the hours of 8:00 a.m. and 4:30 p.m., Monday through Sunday, with the exception of holidays. The operator may, upon approval of the LEA, expand the hours of operation to 6:00 a.m. to 8:00 p.m.; it being stipulated that the facility would not operate except during daylight hours.

8. Copies of any plans describing a proposed structure or feature not included in a current Report of Disposal Site Information shall be submitted no later than 120 days in advance of construction of the structure or feature. The LEA will evaluate the proposed project and determine the need for permit action. On final approval of the plans by all responsible agencies, the approved plans are to be submitted as an amendment to the Report of Disposal Site Information or as part of a revised Report of Disposal Site Information.

Plans for work required by this or any other regulatory agency which preclude the above time frame will be submitted in the same order, preliminary plans followed by approved plans, as soon as they are available.

Provisions:

This permit is subject to review by the LEA, and may be modified, suspended, or revoked, for sufficient cause after a hearing.

Closure/Postclosure Maintenance:

1. All documentation relating to the preparation of the closure and post closure maintenance costs shall be retained by the operator and shall be available for inspection by the CIWMB or the LEA at reasonable times.

2. A final Closure/Postclosure Maintenance Plan for Phase I of this facility was submitted on May 4, 1993.

Monitoring Program:

1. The following environmental measurements shall be reported to the LEA on a quarterly basis:
 - a. water quality monitoring reports
 - b. leachate monitoring reports
 - c. items required under mitigation measures monitoring program as outlined in Environmental Assessment #35719
 - d. landfill gas migration and emission reports
 - e. a record of any cuts made to natural terrain where fill has been placed, and the depth to groundwater
2. The following environmental measurements shall be reported to the LEA every month:
 - a. number of vehicles utilizing the site each day
 - b. area of site utilized
 - c. quantities and types of wastes received each day
 - d. quantities of dead animals and tires received each day
 - e. a copy of the daily log of special occurrences; i.e. fires, explosions, accidents, hazardous wastes, injuries
 - f. the daily records of the hazardous waste screening program (when implemented)